| Index of | Claims |
|----------|--------|
|          |        |

| Application No. | Applicant(s)       |  |  |  |  |  |  |
|-----------------|--------------------|--|--|--|--|--|--|
| 09/965,916      | RUEHLE, MICHAEL D. |  |  |  |  |  |  |

Art Unit

Chat C. Do

Date

Examiner

2124

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N  | Non-Elected  |
|----|--------------|
| Ī. | Interference |

|  | Α | Appeal   |
|--|---|----------|
|  | 0 | Objected |

|          |          |                |              |              |              |            |  |  |              |  | ļ     | · -          |          |
|----------|----------|----------------|--------------|--------------|--------------|------------|--|--|--------------|--|-------|--------------|----------|
| Cla      | aim_     | <u> </u>       |              |              | [            | Date       | 9  |  |              | _  |       | Cla          | im       |
| Final    | Original | 3/2/05         |              |              |              |            |  |  |              |  |       | Final        | Original |
| 1        | 1        | Ξ              |              |              |              |            |  |  |              |  |       |              | 51       |
| 3        | 3        | =              |              |              |              |            |  |  |              |  |       |              | 52       |
|          |          | =              | $oxed{oxed}$ |              |              |            | L  |  | _            |  |       |              | 53       |
| 4        | 4        | =              |              |              |              |            | _  |  |              |  |       |              | 54       |
| 5        | 5        | =              |              |              |              |            | _  |  | _            | _  |       |              | 55       |
| 6        | 6        | =              | <u> </u>     |              |              | _          | H  | H  |              | _  |       |              | 56       |
| 8        | 7        | =              | -            | -            |              | -          | $\vdash$   | 1  | $\vdash$     |  |       |              | 57<br>58 |
| 10       | 9        | =              |              |              |              |            | H  |  | -            |  |       |              | 59       |
| 17       | 10       | =              | -            | _            | -            | _          |  | _  | -            | _  |       |              | 60       |
| 11       | 11       | =              |              |              |              |            |  |  |              |  |       |              | 61       |
| 12       | 12       | =              |              |              |              |            |  |  |              |  |       |              | 62       |
| 13       | 13       | =              |              |              |              |            |  |  |              |  |       |              | 63       |
| 14       | 14       | =              |              |              |              |            |  |  |              | i  |       |              | 64       |
| 15       | 15       | =              |              |              |              |            |  |  |              |  |       |              | 65       |
| 16       | 16       | =              | _            | _            | _            | _          |  | _  |              | L  |       |              | 66       |
| 19       | 17       | =              | _            |              | _            | lacksquare | L  |  |              |  |       | L            | 67       |
| 20       | 18       | =              | _            | _            |              | _          | L  | $\vdash$   |              |  |       | -            | 68       |
| 21       | 19       | <del> </del> = |              | ┝            | H            | _          | -  | -  | -            | -  |       | <u> </u>     | 69       |
| 22       | 20<br>21 | =              | ⊢            | _            | -            |            | ├  | <del> </del>                                     | <del> </del> | <del> </del>                                     |       | <del> </del> | 70<br>71 |
| 24       | 22       | =              | ┝            | ├            | <del> </del> | -          | ┝  | $\vdash$   |              | ├─   |       | <u> </u>     | 72       |
| 26       | 23       | =              | ┢            | <del> </del> | $\vdash$     |            |  | $\vdash$   |              | $\vdash$   |       | $\vdash$     | 73       |
| 27       | 24       | =              | $\vdash$     |              | H            |            | $\vdash$   | $\vdash$   |              | $\vdash$   |       | <b></b>      | 74       |
| 28       | 25       | =              | <u> </u>     | _            |              |            | ऻ  | $\vdash$   |              | $\vdash$   |       |              | 75       |
| 29       | 26       | =              |              |              |              |            |  |  |              |  |       |              | 76       |
| 30       | 27       | =              |              |              |              |            |  |  |              |  |       |              | 77       |
| 31       | 28       | =              | _            |              |              |            |  | <u> </u>   |              | <u> </u>   |       |              | 78       |
| 32       | 29       | =              | $oxed{oxed}$ |              |              |            |  | <u> </u>   |              | <u> </u>   |       | L            | 79       |
| 33       | 30       | =              | _            | _            | <u> </u>     |            | <u> </u>   | ļ  |              | <u> </u>   |       | <u> </u>     | 80       |
| 1        | 31       | -              | _            | _            | -            | <u> </u>   | <del> </del>                                     | _  |              | ⊢  |       | <u> </u>     | 81       |
| 34<br>35 | 32<br>33 | =              | -            | -            | <del> </del> |            | ├  | <u> </u>   |              | -  |       | <del> </del> | 82<br>83 |
| 9        | 34       | 듵              | -            | ├─           | -            |            | ┢  |  |              |  |       |              | 84       |
| 18       | 35       | =              |              | $\vdash$     |              | _          | <del>                                     </del> | ┢  |              |  | ::::: |              | 85       |
| 25       | 36       | =              |              | -            |              | -          | $\vdash$   | -  |              |  |       |              | 86       |
|          | 37       |                |              |              |              |            |  |  |              |  |       |              | 87       |
|          | 38       |                |              |              |              |            |  |  |              |  |       |              | 88       |
|          | 39       |                |              |              |              |            |  |  |              |  |       |              | 89       |
|          | 40       |                | _            |              | _            |            | <u> </u>   | <u> </u>   | L            | <u>L</u>   |       |              | 90       |
|          | 41       |                | <b>L</b>     | _            | <b> </b>     |            | <u> </u>   | ļ  | ┡            | _  |       |              | 91       |
| _        | 42       | -              | -            | $\vdash$     | $\vdash$     | -          | $\vdash$   | -  | ├            | ├—   |       | <u> </u>     | 92       |
| -        | 43<br>44 | -              | ╁            |              | H            | -          | -  | <del>                                     </del> | $\vdash$     | <u> </u>   |       | <u> </u>     | 93<br>94 |
|          | 45       | -              | <del> </del> | $\vdash$     | H            | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | <del>                                     </del> |       |              | 95       |
| -        | 46       | $\vdash$       | $\vdash$     | $\vdash$     | ┢═           | $\vdash$   |  | $\vdash$   | -            | $\vdash$   |       |              | 96       |
|          | 47       | T              | <b>†</b>     | Г            |              | T          |  | <u> </u>   |              |  |       |              | 97       |
|          | 48       |                |              |              |              |            |  |  |              |  |       |              | 98       |
|          | 49       |                |              |              |              |            |  |  |              |  |       |              | 99       |
| 1        | 50       | 1              |              |              |              |            | 1 _  |  | _            |  |       |              | 100      |

| Ciaiiii  |                      |          |          |                                     |          | Jan      | <u> </u>     |          |   |            |
|----------|----------------------|----------|----------|-------------------------------------|----------|----------|--------------|----------|---|------------|
| Final    | Original             |          |          |                                     |          |          |              |          |   |            |
|          | 51                   |          |          |                                     |          |          |              |          |   |            |
|          | 52                   |          |          |                                     |          |          |              |          |   |            |
|          | 52<br>53             |          |          |                                     |          |          |              |          |   |            |
|          | 54<br>55             |          |          |                                     |          |          |              |          |   |            |
|          | 55                   |          |          |                                     |          |          |              |          | ,   |            |
|          | 56                   |          |          |                                     |          |          |              |          |   |            |
|          | 57                   |          |          |                                     |          |          |              |          |   |            |
|          | 58                   |          |          |                                     |          |          |              |          |   |            |
|          | 59                   |          | _        |                                     |          |          |              |          |   |            |
|          | 60                   |          |          |                                     |          |          |              |          |   |            |
|          | 61                   |          |          |                                     |          |          |              |          |   |            |
|          | 62                   |          |          |                                     |          |          |              |          |   |            |
|          | 63                   |          |          |                                     |          |          |              |          |   |            |
|          | 64                   |          |          |                                     |          |          |              |          |   |            |
|          | 65                   |          |          |                                     |          |          |              |          |   |            |
|          | 66                   |          |          |                                     |          |          |              |          |   |            |
|          | 67                   |          |          |                                     |          |          |              |          |   |            |
|          | 68                   |          |          |                                     |          |          |              |          |   |            |
|          | 68<br>69             |          |          |                                     |          |          |              |          |   |            |
|          | 70<br>71             |          |          |                                     |          |          |              |          |   |            |
|          | 71                   |          |          |                                     |          |          |              |          |   |            |
|          | 72                   |          |          |                                     |          |          |              |          |   |            |
|          | 73                   |          |          |                                     |          |          |              |          |   |            |
|          | 72<br>73<br>74<br>75 |          |          |                                     |          |          |              |          |   |            |
|          | 75                   |          |          |                                     |          |          |              |          |   |            |
|          | 76<br>77             |          |          |                                     |          |          |              |          |   |            |
|          | 77                   |          |          |                                     |          |          |              |          |   |            |
|          | 78<br>79             |          |          |                                     |          |          |              |          |   |            |
|          | 79                   |          |          |                                     |          |          |              | П        | П   | Г          |
|          | 80                   |          |          |                                     |          |          |              |          |   |            |
|          | 81                   |          |          |                                     |          |          |              |          |   |            |
|          | 82<br>83             |          |          |                                     |          |          |              |          |   |            |
|          | 83                   |          |          |                                     |          |          |              |          |   |            |
|          | 84                   |          |          |                                     |          |          |              |          |   |            |
|          | 85                   |          |          |                                     |          |          |              |          |   |            |
|          | 86                   |          |          |                                     |          |          |              |          |   |            |
|          | 87                   |          |          |                                     |          |          |              |          |   |            |
|          | 88                   |          |          |                                     |          |          |              |          |   |            |
|          | 89                   |          |          |                                     |          |          |              | <u> </u> |   |            |
|          | 90                   |          |          |                                     |          |          |              |          | L.  | _          |
|          | 91                   |          |          |                                     |          | _        |              | L        | L   | _          |
| L        | 92                   | L_       |          | _                                   |          | L        | $oxed{oxed}$ | <u> </u> | $ldsymbol{ld}}}}}}$ | L          |
|          | 93                   |          | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> | <u> </u> | <u> </u>     | <u> </u> |   | L          |
|          | 94                   | <u> </u> |          | <u></u>                             |          | <u> </u> | <u> </u>     |          |   |            |
|          | 95                   | L        | L        | <u> </u>                            |          | <u> </u> | <u> </u>     | <u> </u> | <u> </u>  | L          |
| L        | 96                   | <u> </u> |          | <u> </u>                            | <u> </u> | <u> </u> | <u> </u>     |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$   |            |
| L        | 97<br>98             | <u></u>  | <u></u>  | <u></u>                             | <u></u>  | <u></u>  | <u> </u>     | _        | _   | L          |
| <u> </u> | 98                   | L.       |          | <u> </u>                            |          | <u> </u> | L            | <u> </u> |   | <u>L</u> . |
| L        | 99                   |          | <u> </u> | L_                                  | <u> </u> | _        | <u> </u>     | <u> </u> | <u> </u>  | L          |
| l        | 100                  | 1        | l        | l                                   | l        | 1        | ı            | ı        | l   | i          |

| Cla  | aim                             | Date         |              |              |          |  |              |                                     |              |                 |
|--|---------------------------------|--------------|--------------|--------------|----------|--|--------------|-------------------------------------|--------------|-----------------|
| Final  | Original                        |              |              |              |          |  |              |                                     |              |                 |
|  | 101                             |              |              |              |          |  |              |                                     |              |                 |
|  | 102                             |              |              |              |          |  |              |                                     |              |                 |
|  | 103                             |              |              |              |          |  |              |                                     |              | _               |
|  | 104<br>105                      |              |              |              |          |  |              |                                     |              | $\Box$          |
|  | 105                             |              |              |              |          |  |              |                                     |              |                 |
|  | 106<br>107                      |              | _            | _            |          |  | _            |                                     |              | Ш               |
|  | 107                             | _            |              | _            |          | _  | _            | _                                   | _            |                 |
|  | 108<br>109                      |              |              |              |          |  | _            |                                     |              | -               |
|  | 110                             | _            | _            | ┝            | $\vdash$ |  | _            |                                     |              | Н               |
|  | 111                             |              |              | $\vdash$     | H-1      | <b> </b>   | -            | $\vdash$                            | <del> </del> | $\vdash \vdash$ |
|  | 112                             | _            | -            | -            | $\vdash$ | Н  | $\vdash$     | H                                   | $\vdash$     | $\dashv$        |
|  | 111<br>112<br>113               | _            |              | $\vdash$     | $\vdash$ |  |              |                                     |              | $\vdash$        |
|  | 114                             |              |              |              |          | П  | $\vdash$     | М                                   |              | Н               |
|  | 114<br>115                      |              |              |              |          |  |              |                                     | _            | Н               |
|  | 116                             |              |              |              |          |  |              |                                     | $\vdash$     |                 |
|  | 117                             |              |              |              |          |  |              |                                     |              |                 |
|  | 118                             |              |              | Г            |          | Г  |              |                                     |              |                 |
|  | 119                             |              |              |              |          |  |              |                                     |              |                 |
|  | 120                             |              |              |              |          |  |              |                                     |              |                 |
|  | 121                             |              |              |              |          |  |              |                                     |              |                 |
|  | 122                             |              |              |              |          |  |              |                                     |              |                 |
|  | 122<br>123<br>124               |              |              |              |          |  |              |                                     |              |                 |
|  | 124                             |              |              |              |          | _  |              | <u> </u>                            |              |                 |
|  | 125                             | ldash        |              | _            | _        | ldash  |              | _                                   | L_           |                 |
| L  | 125<br>126<br>127<br>128<br>129 |              | _            |              |          | _  |              | <u> </u>                            | <u> </u>     |                 |
|  | 127                             | _            |              | -            | _        | _  |              | -                                   | <u> </u>     |                 |
|  | 128                             | <u> </u>     | _            |              | H        | <u> </u>   |              | <u> </u>                            | <u> </u>     |                 |
| <u> </u>   | 129                             | $\vdash$     | _            | _            | _        |  | <u> </u>     | <u> </u>                            | <u> </u>     |                 |
|  | 130<br>131                      | -            |              | -            | -        | ├  | <del> </del> | ⊢                                   | ⊢            |                 |
| <del></del>                                      | 132                             | $\vdash$     | $\vdash$     |              | $\vdash$ |  | $\vdash$     | $\vdash$                            | ├            | -               |
| $\vdash$   | 133                             | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$                            | $\vdash$     | $\vdash$        |
| <del>                                     </del> | 133<br>134                      | <del> </del> | <del> </del> | <del> </del> | Ι        | $\vdash$   | $\vdash$     | $\vdash$                            | $\vdash$     |                 |
| $\vdash$   | 135                             |              | $\vdash$     | <del> </del> |          | $\vdash$   | $\vdash$     | $\vdash$                            | ┢            | <u> </u>        |
|  | 136                             |              | Н            |              |          | <del>                                     </del> | $\vdash$     | T                                   | Н            |                 |
|  | 137                             |              |              | <u> </u>     |          | T .  | T            | <u> </u>                            | <del> </del> |                 |
|  | 138                             |              |              |              |          |  |              |                                     |              |                 |
|  | 138<br>139                      |              |              |              |          | Г  | Г            | Γ                                   |              |                 |
|  | 140                             |              |              |              |          |  |              |                                     |              |                 |
|  | 141                             |              |              | L            |          |  |              |                                     |              |                 |
|  | 142                             |              |              |              |          |  |              |                                     |              |                 |
|  | 143                             |              |              |              |          |  |              |                                     |              |                 |
|  | 144                             | L            | L            | <u> </u>     | _        |  |              | <u> </u>                            | <u> </u>     |                 |
|  | 145                             | L_           | _            | <u> </u>     | <u> </u> | <u> </u>   | <u> </u>     | <u> </u>                            | L_           | Щ               |
|  | 146                             | <u> </u>     | _            | <u> </u>     | <u> </u> | <u> </u>   | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>     | Щ               |
|  | 147                             | <u> </u>     |              | <u> </u>     | <u> </u> | ┞  | <u> </u>     | <u> </u>                            | _            | _               |
| <u> </u>   | 148                             | $\vdash$     | <u> </u>     | <del> </del> | $\vdash$ | $\vdash$   | ⊢            | $\vdash$                            | <u> </u>     | $\vdash$        |
|  | 149                             |              | <u> </u>     | ⊢            | <b> </b> | ├-   | ├-           | ├-                                  | ⊢            | <u> </u>        |
|  | 150                             | Ц.           | L .          | <u> </u>     |          |  |              |                                     |              | L .             |